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Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

**FEE TRANSMITTAL**  
**For FY 2006**☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 180.00**Complete if Known**

Application Number	10/806,502
Filing Date	March 23, 2004
First Named Inventor	Rudolf et al.
Examiner Name	Julio R. Perez
Art Unit	2617
Attorney Docket No.	I-2-0494.1US

**METHOD OF PAYMENT** (check all that apply)☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_☒ Deposit Account Deposit Account Number: 09-0435 Deposit Account Name: InterDigital Communications Corporation

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**FEE CALCULATION** (All the fees below are due upon filing or may be subject to a surcharge.)**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

<u>Total Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	<u>Multiple Dependent Claims</u>
-	=	x	=	<u>Fee (\$)</u>

HP = highest number of total claims paid for, if greater than 20.

<u>Indep. Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	
-	=	x	=	<u>Fee Paid (\$)</u>

HP = highest number of independent claims paid for, if greater than 3.

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<u>Total Sheets</u>	<u>Extra Sheets</u>	<u>Number of each additional 50 or fraction thereof</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
- 100 =	/ 50 =	(round up to a whole number) x	=	0

**4. OTHER FEE(S)**

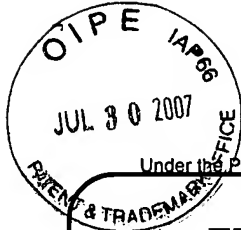
Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Information Disclosure Statement**Fees Paid (\$)**\$180.00**SUBMITTED BY**

Signature	<u>Scott Wolinsky</u>	Registration No. (Attorney/Agent)	46,413	Telephone	215-568-6400
Name (Print/Type)	Scott Wolinsky	Date	July 26, 2007		

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PTO/SB/21 (09-04)

Approved for use through 07/31/2006.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/806,502
Filing Date	March 23, 2004
First Named Inventor	Rudolf et al.
Art Unit	2617
Examiner Name	Julio R. Perez
Attorney Docket Number	I-2-0494.1US

**ENCLOSURES (Check all that apply)**

- |  |  |  |
|--|--|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input checked="" type="checkbox"/> Information Disclosure Statement<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Reply to Missing Parts/<br>Incomplete Application<br><input type="checkbox"/> Reply to Missing Parts<br>under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a<br>Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation<br>Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____<br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC<br><br><input type="checkbox"/> Appeal Communication to Board<br>of Appeals and Interferences<br><br><input type="checkbox"/> Appeal Communication to TC<br>(Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify<br>below):<br><b>Form PTO-1449 (2 pgs. w/<br/>copies of three (3) references).</b> |
|--|--|--|

Remarks

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	VOLPE AND KOENIG, P.C.		
Signature	<i>Scott Wolinsky</i>		
Printed name	Scott Wolinsky		
Date	July 26, 2007	Reg. No.	46,413

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature	<i>Scott Wolinsky</i>		
Typed or printed name	Scott Wolinsky	Date	July 26, 2007

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



In the **PATENT APPLICATION** of:

**Application No.: 10/806,502**

**Filed:** March 23, 2004

**Our File: I-2-0494.1US**

Date: July 26, 2007

Group: 2617

**Examiner:** Julio R. Perez

**Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

01/21/2007 ENHILE1 00000009 090435 10006502  
01/21/2007 180.00 DA

Sir:

Further to Applicants' Duty of Disclosure pursuant to 37 C.F.R. §1.56, Applicants wish to bring to the Examiner's attention the material cited on the enclosed Form PTO-1449.

The listed references include references previously cited in this application.

Newly cited documents are indicated by an asterisk (\*) on the enclosed Form PTO-1449. Copies of the newly cited documents are enclosed. Pursuant to 37 C.F.R. §1.98(a)(2)(ii), copies of the newly cited U.S. publications and/or patent documents have not been included.

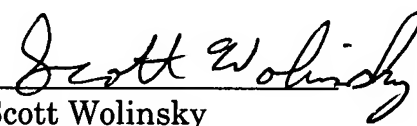
This Information Disclosure Statement is being filed with the fee required by 37

C.F.R. § 1.17(p).

It is respectfully requested that the Examiner consider these documents and return an initialed copy of the Form PTO-1449 indicating his consideration of the cited materials.

Respectfully submitted,

Rudolf et al.

By   
Scott Wolinsky  
Registration No. 46,413  
(215) 568-6400

Volpe and Koenig, P.C.  
United Plaza, Suite 1600  
30 South 17th Street  
Philadelphia, PA 19103

SW/l  
Enclosures (4)



FORM PTO-1449  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)	ATTY. DOCKET NO. I-2-0494.1US	SERIAL NO. 10/806,502
	APPLICANT Marian Rudolf et al.	
	FILING DATE March 23, 2004	GROUP 2617

U.S. PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
		5,812,545	09/1998	Liebowitz et al.				
		2002/0094833	07/2002	Lieshout et al.				
		2002/0119798	08/2002	Hamabe				
		2003/0021243	01/2003	Hamalainen				
		2002/0031105	03/2002	Zeira et al.				
	*	2002/0094833	07/2002	Lieshout et al.				
		2002/0119798	08/2002	Hamabe Kojiro				
		2003/0235162	12/2003	Chao et al.				
		2004/0090934	05/2004	Cha et al.				
		2004/0097253	05/2004	Malkamaki				
		2004/0203476	10/2004	Liu				
		2005/0117553	06/2005	Wang et al.				
		2005/0185627	08/2005	Bolgiano et al.				
		2006/0189272	08/2006	Wilenegger et al.				
		2006/0198303	09/2006	Iacono et al.				
FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		1 341 318	03/2003	EP				
		1 054 518	11/2000	EP				
		19957299	06/2001	DE				
	*	98/24250	06/1998	WO <sup>1</sup>				
	*	99/52226	10/1999	WO <sup>2</sup>				
	*	2005/062550	07/2005	WO <sup>3</sup>				

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)	ATTY. DOCKET NO. I-2-0494.1US	SERIAL NO. 10/806,502
	APPLICANT Marian Rudolf et al.	
	FILING DATE March 23, 2004	GROUP 2617

OTHER DOCUMENTS		
EXAMINER INITIAL		DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)
		3GPP, TS 25.435 version 5.3.0, Release 5, 12/2002, Universal Mobile Telecommunications System (UMTS); UTRAN Lub Interface User Plane Protocols for CCH Data Streams
		3GPP, TS 25.308 version 6.0.0, Release 6, 12/2003, Technical Specification Group Radio Access Network; High Speed Downlink Packet Access (HSDPA); Stage 2
		3GPP TS 25.321 version 5.4.0, Release 5, 03/2003, Technical Specification Group Radio Access Network; Medium Access Control (MAC) Protocol Specification
		3GPP TS 25.321, Version 6.0.0, Release 6, 12/2003, Technical Specification Group Radio Access Network; Medium Access Control (MAC) Protocol Specification
		3GPP TS 25.308, Version 5.4.0, Release 5, 03/2003, Technical Specification Group Radio Access Network; High Speed Downlink Packet Access (HSDPA); Stage 2
		3GPP ETSI TS 125 433, V6.0.0, 12/2003, Universal Mobile Telecommunications System (UMTS); UTRAN Lub Interface NBAP Signalling (3GPP TS 25.433 Version 6.0.0 Release 6)
		3GPP ETSI TS 125 123, V6.0.0, 12/2003, Universal Mobile Telecommunications System (UMTS); Requirements For Support of Radio Resource Management (TDD) (3GPP TS 25.123 Version 6.0.0 Release 6)
		3GPP ETSI TS 125 123, V5.3.0, 12/2002, Universal Mobile Telecommunications System (UMTS); Requirements For Support of Radio Resource Management (TDD) (3GPP TS 25.123 Version 5.3.0 Release 5)
		3GPP TS 25.225 V6.0.0, 12/2003, 3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Physical Layer - Measurements (TDD) (Release 6)
		3GPP TS 25.225 V5.3.0, 12/2002, 3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Physical Layer - Measurements (TDD) (Release 5)
		3GPP ETSI TS 125 433, V5.3.0, 12/2002, Universal Mobile Telecommunications System (UMTS); UTRAN Lub Interface NBAP Signalling (3GPP TS 25.433 Version 5.3.0 Release 5)

<sup>1</sup> Equivalent to RU 2198475; <sup>2</sup> Equivalent to RU 2226316; <sup>3</sup> Equivalent to RU2005130400

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